

**Report Date:** 26 Jun 2014

**Summary Report for Individual Task**  
**551-88H-2305**  
**Compute Blocking and Bracing Materials Required for Rail Movement**  
**Status: Approved**

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**Distribution Restriction:** Approved for public release; distribution is unlimited.

**Destruction Notice:** None

**Foreign Disclosure: FD5** - This product/publication has been reviewed by the product developers in coordination with the Transportation School, Fort Lee, VA 23801 foreign disclosure authority.

This product is releasable to students from all requesting foreign countries without restrictions.

**Condition:** Assigned as a Cargo Checker in an operational environment, during day or night, in normal weather conditions, given a completed risk assessment, an Operation Order/Operation Plan, pen or pencil, paper, tape measure, safety clothing, designated area, Transportation Coordinator's Automated Information for Movement System II (TC-AIMS II) access, TM 55-2200-001-12, and FM 3-35. This task should not be trained in MOPP 4.

**Standard:** Compute blocking and bracing materials required for rail movement without injury to personnel or damage to equipment.

**Special Condition:** None

**Safety Risk:** Low

**MOPP 4:** Never

<b>Task Statements</b>
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**Cue:** You are assigned as a Cargo Checker tasked with computing the blocking and bracing materials needed for a rail movement.

**DANGER**

None

**WARNING**

Wear all required safety equipment while performing this task.

**CAUTION**

None

**Remarks:** None

**Notes:** None

### Performance Steps

1. Check unit TC-AIMS II report to determine what vehicles are listed.
2. Record vehicles not on TC-AIMS II report.
3. Record blocking and bracing material requirements for vehicles on TC-AIMS II report.
4. Compute blocking and bracing material requirements.
5. Prepare to allow for sufficient amounts of materials if units are required to construct patterns of blocking and bracing materials according to AAR rules.
6. Submit a request for blocking and bracing to the installation transportation officer (ITO).

Note: If there is no ITO, submit the request for blocking and bracing materials to the shipping activity or responsible supply agency.

(Asterisks indicates a leader performance step.)

**Evaluation Guidance:** Score the Soldier GO if all performance steps are passed (P). Score the Soldier NO-GO if any performance step is failed (F). If the Soldier fails any step, show what was done wrong and how to do it correctly.

**Evaluation Preparation:** Ensure that all materials required to perform the task are available. Tell the Soldier that he/she will be evaluated on computing blocking and bracing materials required for rail movement.

PERFORMANCE MEASURES	GO	NO-GO	N/A
1. Checked unit TC-AIMS II report to determine what vehicles were listed.			
2. Recorded blocking and bracing material requirements for vehicles on TC-AIMS II report.			
3. Recorded vehicles not on TC-AIMS II report.			
4. Computed blocking and bracing material requirements.			
5. Prepared to allow for sufficient amounts of materials if units were required to construct patterns of blocking and bracing materials according to AAR rules.			
6. Submitted a request for blocking and bracing to the installation transportation officer (ITO).			

### Supporting Reference(s):

Step Number	Reference ID	Reference Name	Required	Primary
	FM 3-35	Army Deployment and Redeployment	Yes	No
	TM 55-2200-001-12	TRANSPORTABILITY GUIDANCE FOR APPLICATION OF BLOCKING, BRACING AND TIEDOWN MATERIALS FOR RAIL TRANSPORT (REPRINTED W/BASIC INCL C1-4)	Yes	No

**Environment:** Environmental protection is not just the law but the right thing to do. It is a continual process and starts with deliberate planning. Always be alert to ways to protect our environment during training and missions. In doing so, you will contribute to the sustainment of our training resources while protecting people and the environment from harmful effects. Refer to FM 3-34.5 Environmental Considerations and GTA 05-08-002 ENVIRONMENTAL-RELATED RISK ASSESSMENT. AR 200-1 delineates TRADOC responsibilities to integrate environmental requirements across DOTMLPF and ensures all training procedures, training manuals, and training doctrine includes sound environmental practices and considerations. The Army's environmental vision is to be a national leader in environmental and natural resource stewardship for present and future generations as an integral part of all Army missions. Environmental protection is never completed. Continuously be alert to ways to protect our environment and reduce waste.

Leaders must ensure that their unit has an active and strong environmental program. They must understand the laws and know what actions to take. Leaders bring focus, direction, and commitment to environmental protection. Commanding

officers should ensure the following environmental programs are in place and are being maintained:

- Hazardous materials program.
- Hazardous waste program.
- Hazardous communications program.
- Pollution prevention and hazardous waste minimization recycling program.
- Spill prevention and response plan program.

**Safety:** In a training environment, leaders must perform a risk assessment in accordance with ATP 5-19, Risk Management. Leaders will complete the current Deliberate Risk Assessment Worksheet in accordance with the TRADOC Safety Officer during the planning and completion of each task and sub-task by assessing mission, enemy, terrain and weather, troops and support available-time available and civil considerations, (METT-TC). Note: During MOPP training, leaders must ensure personnel are monitored for potential heat injury. Local policies and procedures must be followed during times of increased heat category in order to avoid heat related injury. Consider the MOPP work/rest cycles and water replacement guidelines IAW FM 3-11.4, Multiservice Tactics, Techniques, and Procedures for Nuclear, Biological, and Chemical (NBC) Protection, FM 3-11.5, Multiservice Tactics, Techniques, and Procedures for Chemical, Biological, Radiological, and Nuclear Decontamination. All Soldiers and leaders must maintain a proactive posture towards safety in day-to-day operations. The need for total commitment to safety should be evident to commanders, senior Soldiers, and their subordinates. The importance of safety is intensified for personnel conducting Rail Movement operations. Safety awareness is most effective at three levels: command, leader, and individual. Observe all Warnings and Cautions and remain aware of the following:

- Hearing protection requirements.
- Wearing of safety clothing.

All operations will be performed to protect and preserve Army personnel and property against accidental loss. Procedures will provide for public safety incidental to Army operations and activities and safe and healthful workplaces, procedures, and equipment. Observe all safety and/or environment precautions regarding electricity, cable, and lines. Provide ventilation for exhaust fumes during equipment operation and use hearing protection when required IAW AR 385-10, the Clean Air Act (CAA) and the CAA amendments, and the OSHA Hazard Communication standard.

Accidents are an unacceptable impediment to Army missions, readiness, morale, and resources. Decision makers at every level will employ risk management approaches to effectively preclude unacceptable risk to the safety of personnel and property affiliated with this task.

- (a) Take personal responsibility.
- (b) Practice safe operations.
- (c) Recognize unsafe acts and conditions.
- (d) Take action to prevent accidents.
- (e) Report unsafe acts and conditions.
- (f) Work as a team.

**Prerequisite Individual Tasks :** None

**Supporting Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-2306	Conduct Rail Loading Operations	551 - Transportation (Individual)	Approved
551-88H-1302	Load Vehicles on Flatcar	551 - Transportation (Individual)	Approved

**Supported Individual Tasks :**

Task Number	Title	Proponent	Status
551-88H-2306	Conduct Rail Loading Operations	551 - Transportation (Individual)	Superseded
551-88H-4301	Review Rail Plan for Loading/Unloading Cargo	551 - Transportation (Individual)	Approved

**Supported Collective Tasks :**

Task Number	Title	Proponent	Status
55-5-1413	Coordinate for Rail Transportation	55 - Transportation (Collective)	Approved
55-1-5005	Control Railway Transportation Operations	55 - Transportation (Collective)	Approved
55-6-0003	Perform Rail Planning	55 - Transportation (Collective)	Approved

**ICTL Data :**

ICTL Title	Personnel Type	MOS Data
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MOS 88H - CARGO SPECIALIST SL2	Enlisted	MOS: 88H, Skill Level: SL2, Duty Pos: ABW
MOS 88H - CARGO SPECIALIST SL4	Enlisted	MOS: 88H, Skill Level: SL4, Duty Pos: TGI
MOS 88H - CARGO SPECIALIST SL3	Enlisted	MOS: 88H, Skill Level: SL3, Duty Pos: TBA